

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	114	((nano micro meso) adj (order order ordered structure structured) nano-ordered nanostructured nano-structured microstructured nanostructured) same metal and copolymer same (silicone siloxane) and ceramic	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/09 15:11
S2	1	((nano micro meso) adj (order order ordered structure structured) nano-ordered nanostructured nano-structured microstructured nanostructured) same metal and copolymer same (silicone siloxane) and ceramic and polymer same block same (affinity selectivity attracted)	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/09 15:18
S3	38	((nano micro meso) adj (order order ordered structure structured) nano-ordered nanostructured nano-structured microstructured nanostructured) same metal and copolymer same (silicone siloxane) and ceramic and (affinity selectivity attracted)	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/09 15:19
S4	1	"7348286"	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/09 16:44
S5	33	"5728637" "5690706" "6420293"	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/09 16:48
S6	1486	(diamond graphite glassy adj carbon carbon adj black amorphous adj carbon) same (grain domain) adj (size diameter) and (tantalum adj carbide silicon adj carbide silicon adj nitride)	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/09 16:53

S7	190	(diamond graphite glassy adj carbon carbon adj black amorphous adj carbon) same (grain domain) adj (size diameter) and (tantalum adj carbide silicon adj carbide silicon adj nitride) same composite same (diamond graphite glassy adj carbon carbon adj black amorphous adj carbon)	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/09 16:53
S8	10	("4151686"   "4417906"   "4606738"   "5010043"   "6179886").PN. OR ("6447852").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 09:04
S9	1816	(nanotube fullerene) and composite and carbide	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 10:21
S10	141	(nanotube fullerene) same composite same carbide and (silicon tantalum) adj carbide	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 10:22
S11	309	graphite same grain adj size and carbide and composite	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 10:42
S12	30	"4701426" "4690909"	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 10:51
S13	9	"4875907"	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 11:45
S14	157	tantalum adj carbide same composite same (graphite fullerene buckyball diamond)	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 11:58
S15	0	tantalum adj carbide same composite same (nanodiamond)	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 12:43
S16	1	tantalum adj carbide and composite same (nanodiamond)	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 12:44
S17	104	silicon adj carbide and composite same (graphite) and graphite same grain adj size	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 13:37

S18	144	("2609318"   "2614946"   "2614947"   "2636826"   "2691605"   "2784112"   "2887393"   "2897572"   "2907972"   "2916460"   "2938807"   "2941962"   "3035325"   "3051564"   "3094679"   "3108887"   "3166380"   "3175884"   "3189472"   "3189477"   "3205043"   "3252827"   "3305372"   "3372305"   "3459566"   "3480395"   "3513019"   "3520667"   "3765300"   "3796564"   "3808012"   "3852099"   "3853566"   "3859399"   "3924034"   "3925133"   "3954483"   "3960577"   "3968194"   "3969124"   "3993602"   "4004934"   "4017319"   "4023975"   "4031178"   "4041117"   "4080415"   "4081284"   "4108929"   "4109050"   "4119475"   "4119689"   "4119690"   "4120731"   "4120827"   "4122140"   "4122155"   "4123286"   "4124402"   "4124403"   "4124667"   "4135937"   "4135938"   "4141948"   "4144207"   "4148894"   "4150998"   "4179299"   "4207226"   "4209474"   "4225356"   "4233256"   "4237085"   "4238433"   "4240835"   "4279656"   "4294788"   "4312954"   "4327186"   "4332755"   "4346049"   "4374792"   "4379110"   "4385020"   "4419161"   "4455385"   "4524138"   "4525461"   "4530808"   "4551436"   "4551496"   "4554717"   "4571414"   "4649022"   "4659002"   "4666775"   "4676940"   "4690909"   "4692418"   "4693988"   "4701426"   "4908340"   "4932438"   "5114886"   "5135893"   "5422322"   "Re30286").PN. OR ("5656563").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 13:42
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S19	26	"6420293"	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 14:16
S20	79	"5466431"	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 14:18
S21	13	"5453105" "7033408" "57231774505747."	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 15:00
S22	17	"5453105" "7033408" "5723177" "4505747"	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 15:01
S23	4457	(diamond and carbide).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 15:08
S24	622	(diamond and carbide and micron).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 15:08
S25	146	(diamond and carbide and micron and abrasive).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 15:09
S26	94	(diamond and carbide and micron and abrasive and nitride).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 15:10
S27	62	(diamond and carbide and micron and abrasive and nitride).clm.	USPAT; USOCR	OR	ON	2008/06/10 15:10
S28	2987	(diamond and carbide and micron and abrasive and nitride ivb).clm.	USPAT; USOCR	OR	ON	2008/06/10 15:12
S29	1	(diamond and carbide and micron and abrasive and nitride and ivb).clm.	USPAT; USOCR	OR	ON	2008/06/10 15:12
S30	11	(diamond and carbide and abrasive and nitride and ivb). clm.	USPAT; USOCR	OR	ON	2008/06/10 15:13
S31	83	(diamond and carbide and abrasive and silicon adj nitride).clm.	USPAT; USOCR	OR	ON	2008/06/10 15:14
S32	494705	silicon nitride same carbide same diamond and abrasive. clm.	USPAT; USOCR	OR	ON	2008/06/10 15:16
S33	260	silicon adj nitride same carbide same diamond and abrasive.clm.	USPAT; USOCR	OR	ON	2008/06/10 15:18
S34	124	silicon adj nitride same carbide same diamond and abrasive.clm. and diamond. clm.	USPAT; USOCR	OR	ON	2008/06/10 15:20

S35	13574	silicon adj nitride same silicon adj carbide graphite and abrasive.clm. and diamond. clm.	USPAT; USOCR	OR	ON	2008/06/10 15:21
S36	9	silicon adj nitride same silicon adj carbide same graphite and abrasive.clm. and diamond.clm.	USPAT; USOCR	OR	ON	2008/06/10 15:21
S37	375	silicon adj nitride same silicon adj carbide and graphite same (particle grain) adj size	USPAT; USOCR	OR	ON	2008/06/10 15:23
S38	0	silicon adj nitride same silicon adj carbide and graphite same (particle grain) adj size same ".mu.m"	USPAT; USOCR	OR	ON	2008/06/10 15:24
S39	0	silicon adj nitride same silicon adj carbide and graphite same (particle grain) adj size and ".mu.m"	USPAT; USOCR	OR	ON	2008/06/10 15:25
S40	375	silicon adj nitride same silicon adj carbide and graphite same (particle grain) adj size	USPAT; USOCR	OR	ON	2008/06/10 15:25
S41	123	silicon adj nitride same silicon adj carbide.clm. and graphite same (particle grain) adj size	USPAT; USOCR	OR	ON	2008/06/10 15:57
S42	123	silicon adj nitride same silicon adj carbide.clm. and graphite same (particle grain) adj size and (silicon adj nitride same silicon adj carbide)	USPAT; USOCR	OR	ON	2008/06/10 16:03
S43	38	silicon adj nitride same silicon adj carbide.clm. and graphite same (particle grain) adj size and (silicon adj nitride same silicon adj carbide) and abrasive	USPAT; USOCR	OR	ON	2008/06/10 16:04
S44	12	"5453105" and nitride	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 16:05
S45	43	graphite adj composite and (grain particle) adj size and silicon adj nitride	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 16:07
S46	17	graphite adj composite and (grain particle) adj size and silicon adj nitride and nozzle	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 16:12
S47	0	graphite adj composite same (grain particle) adj size same silicon adj nitride and nozzle	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 16:13
S48	0	graphite adj composite same (grain particle) adj size same silicon adj nitride	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 16:13

S49	15	graphite same (grain particle) adj size same silicon adj nitride same composite	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 16:14
S50	0	vb same vib same "ivb.clm"	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 16:15
S51	0	"v.sub.b" same "vi.sub.b" same "iv.sub.b.clm"	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 16:16
S52	904	graphite same ceramic same particle adj size	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 16:17
S53	337	graphite same ceramic same particle adj size same high	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 16:17
S54	19	graphite near4 high same ceramic same particle adj size	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 16:18
S55	94	graphite same molten same ceramic same particle adj size	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 16:19
S56	2	graphite.ti. same ceramic and particle adj size near graphite	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 16:28
S57	0	graphite.ti. same ceramic and grain adj size near graphite	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 16:28
S58	8	graphite.ti. and ceramic and grain adj size near graphite	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 16:29
S59	30	"4690909" "4701426"	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 16:30
S60	38	"4525461"	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 16:36
S61	202086	crucible and graphite same grain adj size and silicon carbide	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 16:51
S62	95	crucible and graphite same grain adj size and silicon adj carbide	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 16:52
S63	17	crucible and graphite near4 grain adj size and silicon adj carbide	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 16:54
S64	11	molten adj metal and graphite near4 grain adj size and silicon adj carbide	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 16:56

S65	4	"5968653"	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 17:13
S66	10771	(graphite) same silicon adj carbide	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 17:18
S67	1	"20070129233"	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 17:22
S68	43	(graphite and silicon adj carbide).clm. and (refractory crucible).clm. and grain adj size	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 17:26
S69	8	(graphite and silicon adj nitride).clm. and (refractory crucible).clm. and grain adj size	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 17:34
S70	8	FeMnP\$10	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 17:50
S71	0	"FeMnP."\$10	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 17:51
S72	2449	"FeMn"\$10	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 17:51
S73	546871	"FeMn"\$10 alloy	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 17:51
S74	250	"FeMn"\$10 adj alloy	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 17:51
S75	445	"FeMn"\$10 near3 alloy	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/10 17:51
S76	0	(nitride same silicon).clm. and "diamond.clm" and (micron microns)".clm"	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/11 10:49
S77	850	(nitride same silicon).clm. and diamond.clm. and (micron microns)".clm"	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/11 10:49
S78	315	(nitride same silicon).clm. and diamond.clm. and (micron microns).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/11 10:49
S79	134	(nitride same silicon).clm. and diamond.clm. and (micron microns).clm. not (boron adj nitride)	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/11 10:53

S80	134	(nitride same silicon).clm. and diamond.clm. and (micron microns).clm. not (boron adj nitride)".clm"	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/11 10:54
S81	149	(nitride same silicon).clm. and diamond.clm. and (micron microns).clm. not (boron adj nitride).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/11 10:54
S82	15	(nitride same silicon).clm. and diamond.clm. and (micron microns).clm. not (boron adj nitride).clm. not S80	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/11 10:54
S83	119	(nitride same silicon).clm. and diamond.clm. and (micron microns).clm. and abrasive	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/11 10:57
S84	21	"733408"	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/11 11:07
S85	1	"7033408"	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/11 11:10
S86	12	"5453105"	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/11 11:12
S87	2	"5723177"	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/11 11:12
S88	447	silicon adj carbide same (graphite) and graphite and grain adj size and composite	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/14 15:49
S89	465	silicon adj carbide same (graphite carbon adj black fullerene) and graphite and grain adj size and composite	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/14 15:49
S90	486	silicon adj carbide same (graphite carbon adj black fullerene not (graphite adj (mold crucible piston chamber))) and grain adj size and composite	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/14 15:52
S91	139	silicon adj carbide same (graphite carbon adj black fullerene not (graphite adj (mold crucible piston chamber))) and grain adj size and composite and nm	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/14 15:52



S92	16	("4124401"   "4151686"   "4167399"   "4220455"   "4231195"   "4234661"   "4241135"   "4246006"   "4247304"   "4381271"   "5010043").PN. OR ("6179886").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/14 16:12
S93	49	GRAPHITE ADJ COMPACT	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/14 16:15
S94	23	GRAPHITE ADJ NANOCOMPOSITE	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/14 16:20
S95	72	SILICON ADJ NITRIDE SAME (FULLERENE C60 BUCKYBALL)	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/14 16:24
S96	54	SILICON ADJ NITRIDE SAME (FULLERENE C60 BUCKYBALL) AND NM	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/14 16:25
S97	390	ceramic same (graphite carbon fullerene c60 buckyball) and graphite and grain adj size and composite and nm	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/14 17:00
S98	279	ceramic same (graphite carbon fullerene c60 buckyball) and graphite and grain adj size and composite and nm and (sinter fire treat treated sintered fired)	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/14 17:00
S99	1	"7306828"	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/14 17:53
S100	18	"20040029706"	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/14 18:03
S101	2998	(silicon adj (carbide nitride)) and nm and composite and graphite	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/14 18:25
S102	875	(silicon adj (carbide nitride)) same graphite and nm and composite and graphite	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/14 18:26
S103	875	(silicon adj (carbide nitride)) same graphite and nm and composite	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/14 18:29
S104	225	(silicon adj (carbide nitride)) same graphite and composite and (particle grain) adj size same nm	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/14 18:29

S105	237	(silicon adj (carbide nitride)) same2 graphite and composite and (particle grain) adj size same nm not S104	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/14 18:39
S106	917044	(silicon adj (carbide nitride)) same2 graphite and composite and (particle grain) adj size same nm not S104 (mold die)	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/14 18:41
S107	121	(silicon adj (carbide nitride)) same2 graphite and composite and (particle grain) adj size same nm not S104 and(mold die)	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/14 18:41
S108	121	(silicon adj (carbide nitride)) same2 graphite and composite and (particle grain) adj size same nm not S104 and (mold die)	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/14 18:41

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